

CLAIMS**Claim 1 (original).**

A woodworking machine comprising:

- a support structure having a cutting zone;
- a cutting tool supported by the support structure and adapted to move at least partially into the cutting zone to cut a workpiece;
- a motor adapted to drive the cutting tool;
- a detection system adapted to detect contact between a person and the cutting tool; and
- a reaction system adapted to stop motion of the cutting tool into the cutting zone upon detection of contact between a person and the cutting tool by the detection system.

Claim 2 (original):

The machine of claim 1, where the motor rotates the cutting tool as the cutting tool moves at least partially into the cutting zone, and where the reaction system is adapted to stop the rotation of the cutting tool.

Claim 3 (original):

The machine of claim 2, where the reaction system includes a first brake mechanism adapted to stop the movement of the cutting tool into the cutting zone, and a second brake mechanism adapted to stop the rotation of the cutting tool.

Claim 4 (original):

The machine of claim 1, further comprising operative structure adapted to couple the cutting tool to the support structure, where the operative structure is selectively movable relative to the support structure to move the cutting tool into the cutting zone, and where the reaction system is adapted to stop movement of the operative structure relative to the support structure upon detection of contact between a person and the cutting tool by the detection system.

Claim 5 (withdrawn):

The machine of claim 4, where the reaction system includes a pawl mounted on the support structure and selectively movable into contact with the operative structure to grip the operative structure and prevent relative movement between the operative structure and the support structure.

Claim 6 (withdrawn):

The machine of claim 4, where the reaction system includes a pawl mounted on the operative structure and selectively movable into contact with the support structure to grip the support structure and prevent relative movement between the support structure and the operative structure.

Claim 7 (original):

A woodworking machine comprising:

a cutter adapted to move translationally relative to a workpiece to be cut;

a detection system adapted to detect contact between a person and the cutter; and

a reaction system adapted to interrupt the translational movement of the cutter upon the detection of contact between the person and the cutter by the detection system.

Claim 8 (withdrawn):

The woodworking machine of claim 7, where the reaction system is adapted to interrupt the translational movement of the cutter by stopping that movement.

Claim 9 (original):

The woodworking machine of claim 7, where the cutter is adapted to rotate, and further comprising a brake system to stop the rotation of the cutter upon the detection of contact between the person and the cutter by the detection system

Claims 10-16 (withdrawn).